## CLAIMS

1. A glide head for a magnetic disk, comprising:

a suspension arm and

a slider, whose back is resiliently held to an end of the suspension arm through a flexure and has a load point to which a pressing force from the suspension arm is applied through a pivot disposed on the flexure;

the slider comprising, on a bottom surface of the slider opposed to the back, two sliding rails protruding from the bottom surface, extending from a leading end of the slider to a trailing end of the slider, in parallel and at a distance from each other, and having, near the trailing end of the slider, a rear edge that works as a sensor for encountering a defect on a magnetic disk;

a transducer for transforming a mechanical energy caused due to the defect to an electric signal mounted on the back; and

the load point positioned substantially on a center line between the two sliding rails on the back;

wherein each of the two sliding rails has an upstream floating surface positioned within a region from the slider leading end to the load point and a downstream floating surface positioned within a region from the load point to the slider trailing end on a floating surface of the sliding rail so that the slider has a floating pitch angle from 140 to 380 μrad.

2. A glide head for a magnetic disk as set forth in claim 1, wherein a length of the upstream floating surface of each of the sliding rails is from 0.67 to 0.91 when expressed by a ratio to the sum of the length of the upstream floating surface plus a length of the downstream floating surface.

3. A glide head for a magnetic disk as set forth in claim 2, wherein the upstream floating surface continues to the downstream floating surface.

4. A glide head for a magnetic disk as set forth in claim 2, wherein each of the

two sliding rails is divided into the upstream floating surface and the downstream floating surface by a traversing groove disposed on the sliding rails.

5. A glide head for a magnetic disk as set forth in claim 1, wherein the upstream floating surface has a tapered surface having an angle from 0.3 to 1.0 degrees with respect to the floating surface at the leading end.

6. A glide head for a magnetic disk as set forth in claim 1, wherein the downstream floating surface is widening in a direction of the rear edge of the sliding rail, and the total width of the two sliding rails at the rear edges is equal to or more than a half of a distance between outside surfaces of the two sliding rails.

7. A glide head for a magnetic disk as set forth in claim 1, wherein the floating pitch angle is measured under conditions that:
a relative linear speed of the glide head is 8 to 16 m/sec.;
a flying height of the glide head is 1 to 15 nm; and
the pressing force of the suspension arm is 9.8 to 58.8 mN.